

U.S. DEPARTMENT OF COMMERCE-Patent and Trademark Office

Application No.

NOTICE OF DRAFTPERSON'S
PATENT DRAWING REVIEWThe drawing filed (insert date) 10-9-97 are:

- A. 1 not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
 B. 2 objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.
 Color drawing are not acceptable until petition is granted.
 Fig.(s) _____
 Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

Photographs are not acceptable until petition is granted.
 3 full-tone sets are required. Fig(s) _____
 Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c)

Paper not flexible, strong, white and durable.
 Fig(s) _____
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)
 Mylar, vellum paper is not acceptable (too thin).
 Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawings sheets not the same size.
 Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom: 1.0 cm
 SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) 1A, 5A-5C, 5D, 7A
 Top (T) 0A, 8C, 8E, 9A, 9D, 9F
 Left (L) 14B, 14D, 15-17
 Right (R) _____
 Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER. Specification may require revision to correspond to drawing changes.

Views connected by projection lines or lead lines.
 Fig.(s) _____

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity.
 Fig.(s) _____

Views not labeled separately or properly.
 Fig.(s) _____

Enlarged view not labeled separately or properly.
 Fig.(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of
 Fig.(s) _____

Sectional designation should be noted with Arab
 Roman numbers. Fig.(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right
 page is either upright or turned, so that the top be-
 side, except for graphs. Fig.(s) _____

Views not on the same plane on drawing sheet. Fig
 Fig.(s) _____

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without
 when drawing is reduced in size to two-thirds in rep
 Fig.(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 C

Lines, numbers & letters not uniformly thick and wel
 clean, durable and black (poor line quality).
 Fig.(s) 1A, 1B, 8A-8E-11, 13

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig.(s) _____

Solid black shading not permitted. Fig.(s) _____

Shade lines, pale, rough and blurred. Fig.(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
37 CFR 1.48(p)

Numbers and reference characters not plain and legible.
 Fig.(s) 1A, 1B, 8A-8D, 9A-11, 13

Figure legends are poor. Fig.(s) _____

Numbers and reference characters not oriented in the same
 direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____

English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____

Numbers, letters and reference characters must be at least
 .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig.(s) _____

Lead lines missing. Fig.(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)

Sheets not numbered consecutively, and in Arabic numerals
 beginning with number 1. Fig.(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals.
 beginning with number 1. Fig.(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig.(s) _____

Fig.(s) _____

COMMENTS

REVIEWER CHASE

ATTACHMENT TO PAPER NO. _____

PTO COPY

DATE 9-23-98TELEPHONE NO. 703 305 8930